

Technical Data Sheet

Product Name	Sodium Ortho Phosphate Anhydrous		
Product #	KS-02718	CAS #	7558-80-7
For laboratory use, ACS, Ph. Eur.			
Specifications			
Identity	Passes test		
Appearance of Solution	Passes test		
Assay (Alkalimetric, Calculated On Dried Substance)	99.0 -100.5%		
In Water Insoluble Matter (Calculated On Dried Substance)	≤ 0.15%		
pH-Value (1%, Water)	4.1-5.0		
pH-Value (5%; Water)	4.2-4.5		
Chloride (Cl)	≤ 0.0005%		
Fluoride (F)	≤ 0.001%		
Total Nitrogen (as N)	≤ 0.001%		
Hydrogen Phosphate (HPO ₄)	≤ 0.5%		
Sulfate (SO ₄)	≤ 0.01%		
Heavy Metals (as Pb)	≤ 0.0005%		
Al, Ca and Other Elements Detectable With Ammonia	Passes test		
Arsenic (As)	≤ 0.00005%		
Calcium (Ca)	≤ 0.005%		
Cadmium (Cd)	≤ 0.0001%		
Cobalt (Co)	≤ 0.005%		

Copper (Cu)	≤ 0.005%
Iron (Fe)	≤ 0.001%
Mercury (Hg)	≤ 0.0001%
Potassium (K)	≤ 0.005%
Magnesium (Mg)	≤ 0.005%
Nickel (Ni)	≤ 0.005%
Lead (Pb)	≤ 0.0004%
Zinc (Zn)	≤ 0.025%
Substances Reducing Potassium Permanganate (as O)	Passes test
Loss on Drying (130°C)	21.5-24.0%

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